

## HAMILTON, BROOK, SMITH &amp; REYNOLDS, P.C.

4

UTILITY  
PATENT APPLICATION  
TRANSMITTAL(Only for new nonprovisional applications under  
37 C.F.R. 1.53(b))

Attorney Docket No.

0725.1039-009

First Named Inventor or  
Application Identifier

Marc W. Kirschner

Express Mail Label No.

EV 005369424 US

Title of  
Invention

ISOLATED FGF RECEPTOR

J1040 U.S. PTO  
10/016447  
12/10/01

12/10/01

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:

Assistant Commissioner for Patents  
Box Patent Application  
Washington, D.C. 20231

1. ☒ Fee Transmittal Form  
(Submit an original, and a duplicate for fee processing)
2. ☒ Specification **Total Pages 47**  
(preferred arrangement set forth below)
- Descriptive title of the invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
3. ☒ Drawing(s) (35 U.S.C. 113) **Total Sheets 14**  
☒ Fig. of the Drawings for Publication **[ 1 ]**  
☐ No Figure to be Published
4. ☒ Oath or Declaration **Total Pages 6**
- a. ☐ Newly executed (original or copy)
  - b. ☒ Copy from a prior application (37 C.F.R. 1.63(d))  
(for continuation/divisional with Box 17 completed)
    - i. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. 1.63(d)(2) and 1.33(b).
5. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)

6. ☐ Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
- a. ☐ Computer Readable Form
  - b. ☐ Paper Copy (identical to computer copy)  
**12 Pages**
  - c. ☒ Statements verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

7. ☐ Assignment Papers (cover sheet & documents)  
☒ Assignee - President and Fellows of Harvard College  
Cambridge, Massachusetts
8. ☐ Power of Attorney ☐ 37 C.F.R. 3.73(b) Statement
9. ☐ English Translation Document (if applicable)
10. ☒ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
11. ☐ Preliminary Amendment
12. ☒ Return Receipt Postcard
13. ☐ Small Entity ☐ Statement filed in prior application, status still proper and desired
- 14a. ☐ Foreign Priority Claim under 35 U.S.C. §119 or 365
- 14b. ☐ Certified Copy of Priority Document(s)
15. ☐ Nonpublication Request (check parent application)
16. ☒ Other Remarks; Copy of Change of Correspondence Address (from prior application); and Request Under 37 C.F.R. § 1.821(e) with transmittal of Substitute Sequence Listing

17. If a CONTINUING APPLICATION, check appropriate box; supply the requisite information.

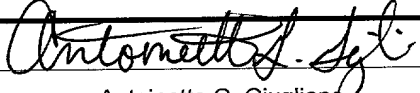
☒ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: 09/507,773

Prior application information: Examiner: J. Ulm Group Art Unit: 1646

The entire disclosure of the prior application is considered a part of the disclosure of the accompanying application and is hereby incorporated by reference.  
(Add standard Related Applications section with incorporation by reference to specification or update same)

## 18. CORRESPONDENCE ADDRESS

NAME	Customer No. 021005				
	HAMILTON, BROOK, SMITH & REYNOLDS, P.C.				
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Signature		Date	December 10, 2001
Submitted by Typed or Printed Name	Antoinette G. Giugliano	Reg. Number	42,582

# HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

<b>FEE TRANSMITTAL FOR PATENT APPLICATIONS</b>	Attorney Docket Number	0725.1039-009	
	Application Number	Continuation of 09/507,773	
	First Named Inventor	Marc W. Kirschner	

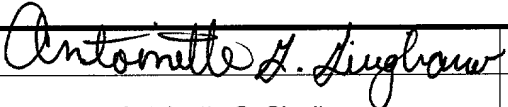
CLAIM CALCULATION (includes any preliminary amendment)

CLAIMS	(1) FOR	(2) NUMBER FILED	(3) NUMBER EXTRA	(4) RATE	(5) CALCULATIONS
TOTAL CLAIMS	TOTAL CLAIMS <small>(37 CFR 1.16(c) or (j))</small>	49	- 20* =	29	x \$ 18 = \$ 522
	INDEPENDENT CLAIMS <small>(37 CFR 1.16(b) or (i))</small>	21	- 3** =	18	x \$ 84 = \$ 1512
	MULTIPLE DEPENDENT CLAIMS (if applicable) (37 CFR 1.16(d))				+ \$ 280 = \$
					BASIC FEE <small>(37 CFR 1.16(a) or (h))</small> \$ 740
					Total of above Calculations = \$ 2774
	Reduction by 50% for filing by small entity (37 CFR 1.9, 1.27, 1.28) =				\$
	TOTAL =				\$ 2774
	Surcharge - Late Filing of Declaration or Filing Fees (37 C.F.R. 1.16(e)) =				\$
	Petition for Extension of Time Fee (37 C.F.R. 1.17) =				\$
	Assignment Recordation Fee = <small>(only when filed with application)</small>				\$
* Reissue claims in excess of 20 and over original patent ** Reissue independent claims over original patent				TOTAL = \$ 2774	

1. Small entity status:
  - a. ☐ A small entity statement is enclosed.
  - b. ☐ A small entity statement was filed in the prior non-provisional application and such status is still proper and desired.
  - c. ☐ Is no longer claimed.
  
2. ☒ A general authorization is hereby granted to charge deposit account number 08-0380 for any fees required under 37 CFR 1.16 and 1.17 in order to maintain pendency of this application. A copy of this authorization is enclosed for accounting purposes.
  
3. ☒ A check is enclosed for **\$2,774.00**.      ☐ Please charge \$[    ] to Deposit Account No. 08-0380.
  
4. ☐ Other: \_\_\_\_\_

Signature		Date	December 10, 2001
Submitted by Typed or Printed Name	Antoinette G. Giugliano	Reg. Number	42,582

DEB/AGG/VJT/bsk  
12/03/01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Marc W. Kirschner and Noriyuki Kinoshita

Continuation Application of

Application No.:	09/507,773	Group Art Unit:	Not yet assigned
Filed:	February 18, 2000	Examiner:	Not yet assigned

For: ISOLATED FGF RECEPTOR

Date: <u>Dec. 10, 2001</u>	Express Mail Label No. <u>EV 105369424 US</u>
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REQUEST UNDER 37 C.F.R. §1.821(e)

Assistant Commissioner for Patents  
BOX PATENT APPLICATION  
Washington, DC 20231

Sir:

Pursuant to 37 C.F.R. §1.821(e), it is hereby requested that the computer readable form of the Substitute Sequence Listing mailed to the U.S. Patent and Trademark Office on August 24, 1999 and received at the USPTO Mailroom on August 26, 1999 in prior application Serial No. 08/776,207, filed on June 23, 1997 (371[c] date), which was also filed in related prior application Serial No. 09/507,773, pursuant to 37 C.F.R. §1.821(e) serve as the computer readable form for the subject application.

As required by 37 C.F.R. §1.821(f), the undersigned hereby states that the content of the Sequence Listing in paper form filed concurrently herewith and the content of the above-referenced computer readable form of the Sequence Listing filed in prior application Serial No. 08/776,207 and related prior application Serial No. 09/507,773 are the same.

Respectfully submitted,

HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

By Antoinette G. Giugliano

Antoinette G. Giugliano

Registration No. 42,582

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Concord, MA 01742-9133

Date: December 19, 2001

10046447-16404  
FOOTNOTES

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**COPY**

Applicants: Marc W. Kirschner and Noriyuki Kinoshita  
Application No.: 08/776,207 Group: 1646  
Filed: June 23, 1997 Examiner: John Ulm  
For: RECEPTOR LIGAND ASSAY

J1040 U.S. PRO  
10/016447  
12/10/01

CERTIFICATE OF MAILING	
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to Assistant Commissioner for Patents, Washington, D.C. 20231	
on <u>8/24/99</u>	<u>Melissa Ponziano</u>
Date	Signature
<u>Melissa Ponziano</u>	
Typed or printed name of person signing certificate	

TRANSMITTAL OF SUBSTITUTE SEQUENCE LISTING

Box Sequence  
Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Transmitted herewith is a copy of a "Sequence Listing" in paper form (sheets 1/12 through 12/12) for the above-identified patent application as required by 37 C.F.R. §§ 1.825(a) and 1.821(c), and a copy of the Substitute "Sequence Listing" in computer readable form as required by 37 C.F.R. §§ 1.825(b) and 1.821(e).

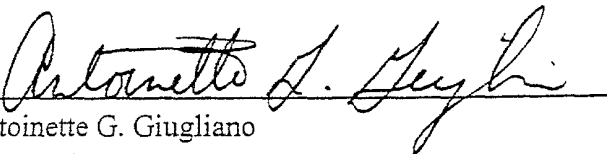
As required by 37 C.F.R. § 1.825(b), Applicant's Attorney hereby states that the contents of the "Sequence Listing" in paper form and in the computer readable form submitted herewith are the same and, as required by 37 C.F.R. § 1.825(a), also states that the submission includes no new matter.

REMARKS

In paragraph 7, page 2, of the Office Action dated March 24, 1999, the Examiner has indicated that the Sequence Listing does not comply with rules 37 C.F.R. § 1.821-1.825. In our Amendment dated January 4, 1999, Applicants have submitted a Sequence Listing in paper and CRF for all sequences set forth in the application. Applicants' attorney has reviewed the Sequence Listing that has been previously submitted and Applicants believed to have complied with 37 C.F.R. § 1.821-1.825. For the Examiner's convenience, Applicants providing the same Sequence Listing as the Sequence Listing filed on January 4, 1999 in paper and CRF.

Respectfully submitted,

HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

By   
Antoinette G. Giugliano  
Registration No. 42,582  
Telephone (781) 861-6240  
Facsimile (781) 861-9540

Lexington, Massachusetts 02421-4799

Date:

August 24, 1999

1001644-1001